

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hwai-Tay Lin

Serial No.: 09/978,516

Filed: October 15, 2001

For: ABRASION-RESISTANT BUMPER
FOR A NAIL-DRIVING TOOL

Docket No.: 15722-321 (formerly CFP-1489)

Commissioner of Patents
Washington, DC 20231

Group Art Unit 3721

Examiner: Paul R. Durand

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GROUP 3700

I CERTIFY THAT THIS PAPER IS BEING SENT VIA
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COMMISSIONER OF PATENTS AND TRADEMARKS,
WASHINGTON, D.C. 20231, ON FEBRUARY 7, 2003 (37
CFR 1.8a) TO FAX NO. 703-305-5579

*Alan Bennett***AMENDMENT**

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Dear Sir:

In response to the Office communication mailed November 19, 2002, please amend the
above application as follows:

IN THE SPECIFICATION

Page 1, line 7 to page 2, line 6 has been amended as follows:

U.S. Patent No. 4,932,480 to Golsch issued on June 12, 1990 discloses a pneumatically
powered nail-driving tool 10 comprising a cylinder 20, a piston 26 reciprocatingly received in
the cylinder 20, and a main valve 60 for driving the piston 26. A driving element 32 is attached
to the piston 26 for driving a nail. Movement of the piston 26 is arrested by an air-cooled bumper
70 to thereby provide a cushioning effect. As illustrated in Figs. 2 through 5 of this patent, the
bumper 70 comprises an upper end 100, a lower end 102, an inner peripheral surface 104, and an
outer peripheral surface 106. The bumper 70 has an annular flange 108 extending outwardly at
its lower end 102. The annular flange 108 fits into the annular recess 82 in the cylindrical wall
24, when the bumper 70 is fitted within the cylinder 20, so as to secure the bumper 70 against the
end wall 24. The bumper 70 has eight slots 110 extending radially from the inner peripheral
surface 104 and eight slots 112 extending radially from the outer peripheral surface 106.
Arrangement of the slots 110 and 112 in the bumper 70 provides a good bumping effect.